Sample R Markdown

Dr Vinod

7 July 2017

Introduction

This is a sample document for demonstrating R Markdown command.

```
library(readr)
slr <- read_csv("C:/Users/inurture1/Desktop/slr.csv")
```

R Codes for knowing the data

```
dim(slr)
```

```
## [1] 12  3
```

The data set slr.csv was having 3 variables and 12 observations

Through structure, we found that all variables were integer type

```
str(slr)
```

```
## Classes 'tbl_df', 'tbl' and 'data.frame':    12 obs. of  3 variables:
##  $ Observation no: int  1 2 3 4 5 6 7 8 9 10 ...
##  $ Advt          : int  92 94 97 98 100 102 104 105 105 107 ...
##  $ Sales         : int  930 900 1020 990 1100 1050 1150 1120 1130 1200 ...
```
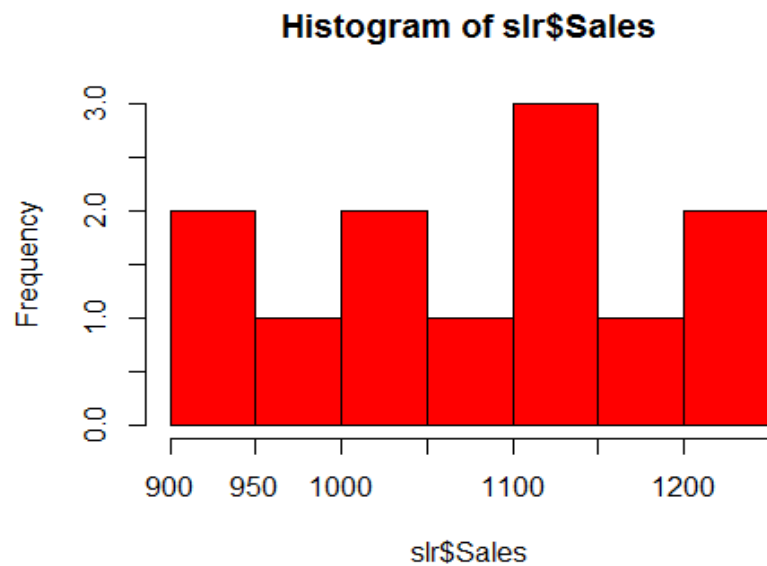
Summary command had given us basic descriptive statistics of variables, Advertisement and Sales.

```
summary(slr)
```

```
##  Observation no        Advt            Sales
##  Min.   : 1.00   Min.   : 92.00   Min.   : 900
##  1st Qu.: 3.75   1st Qu.: 97.75   1st Qu.:1012
##  Median : 6.50   Median :103.00   Median :1110
##  Mean   : 6.50   Mean   :101.75   Mean   :1088
##  3rd Qu.: 9.25   3rd Qu.:105.50   3rd Qu.:1162
##  Max.   :12.00   Max.   :110.00   Max.   :1250
```

We had plotted histograms of Sales and Advertisement for examining the distribution.

```
hist(slr$Sales, col = "red")
```

Histogram of slr$Sales


```
hist(slr$Advt, col = "blue")
```

Histogram of slr$Advt